

FIG. 1

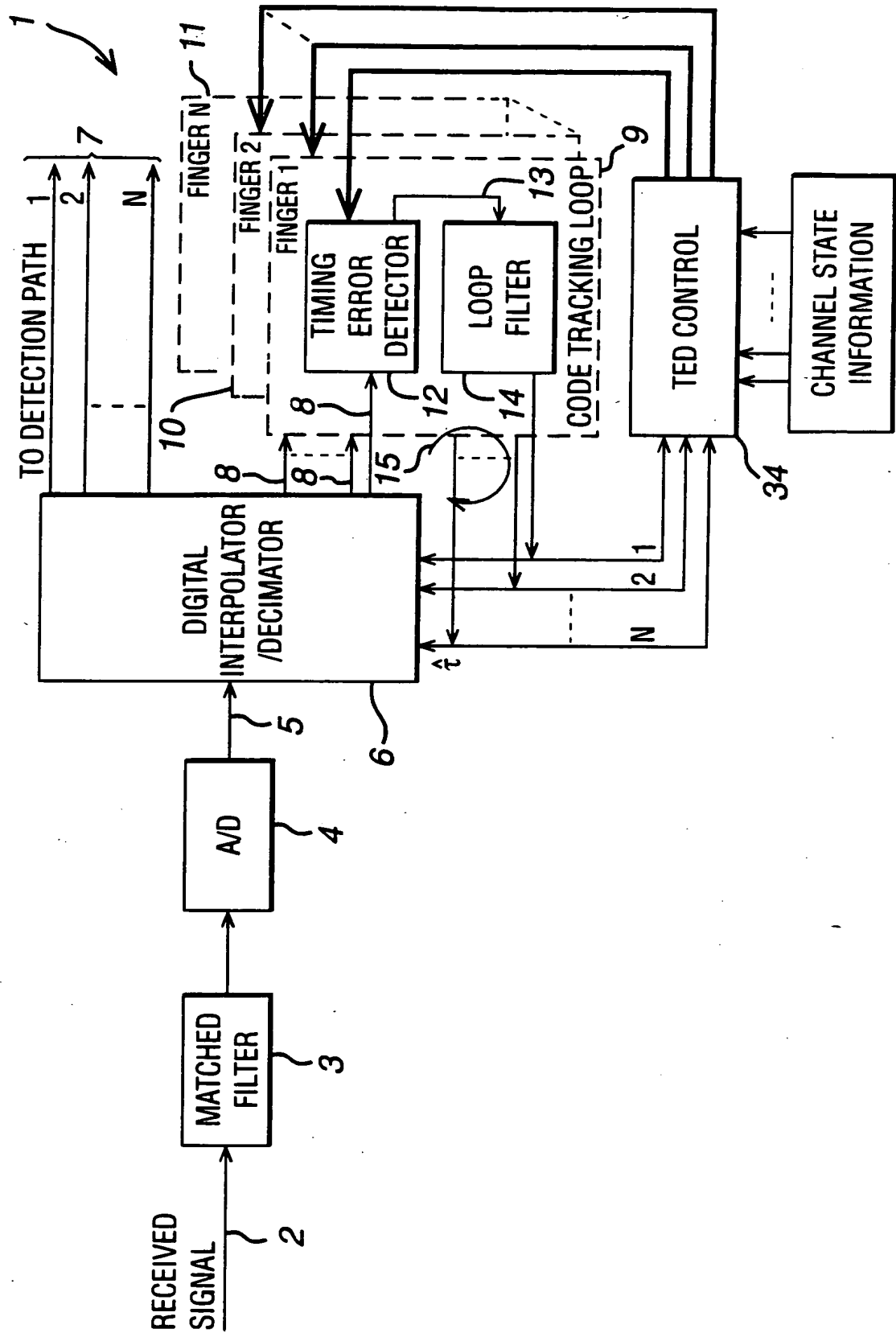


FIG. 2

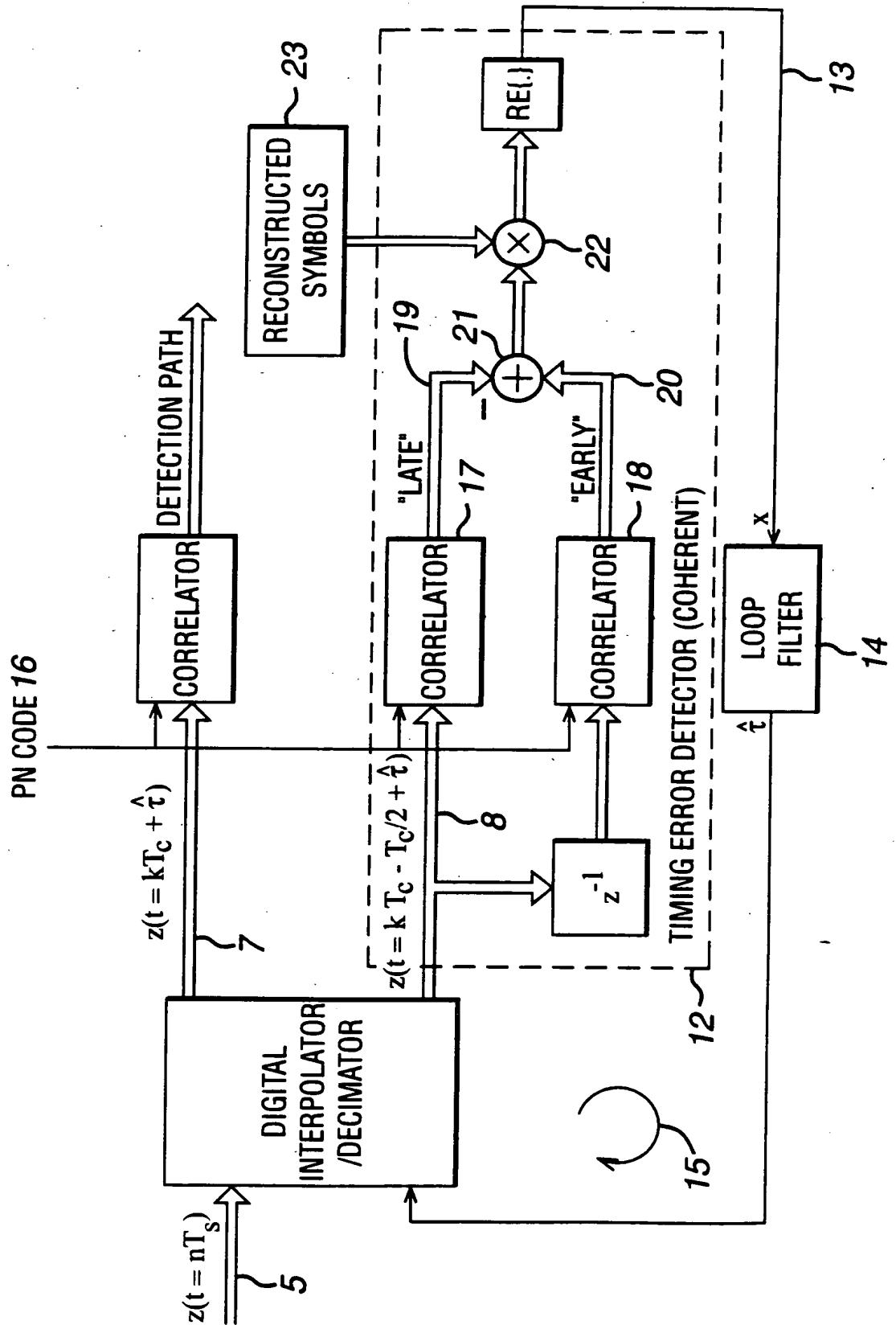


FIG. 3

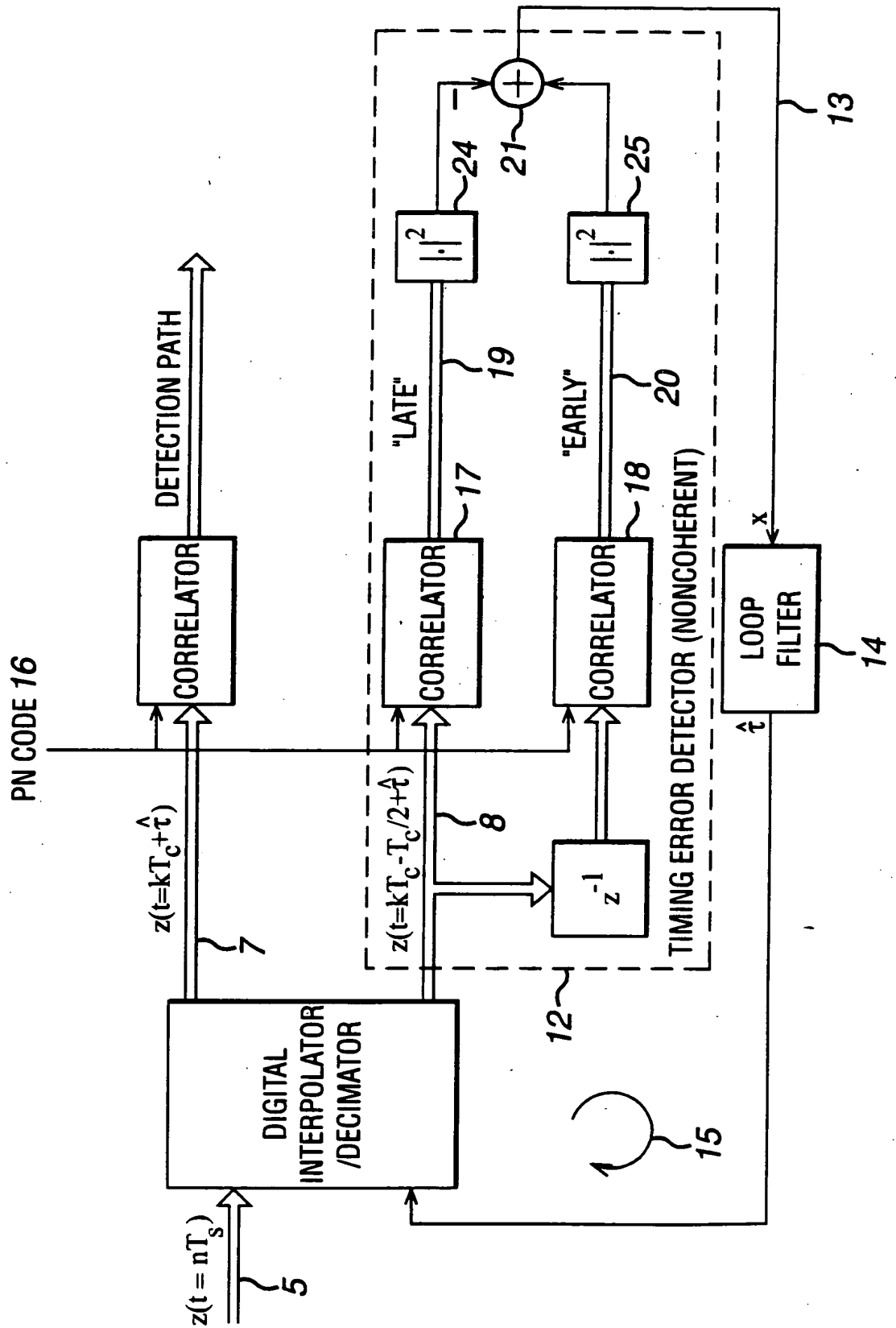


FIG. 4

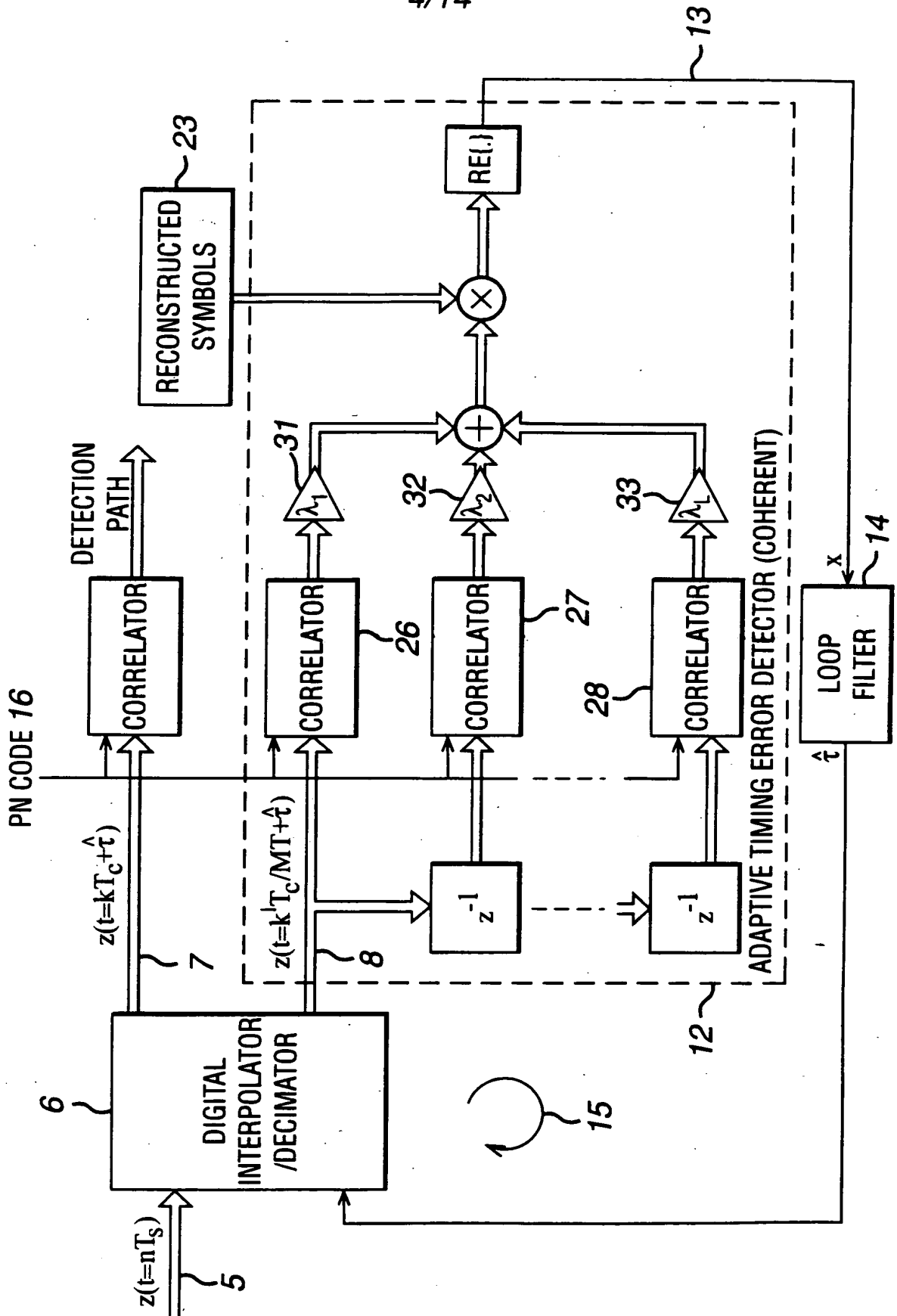


FIG. 5

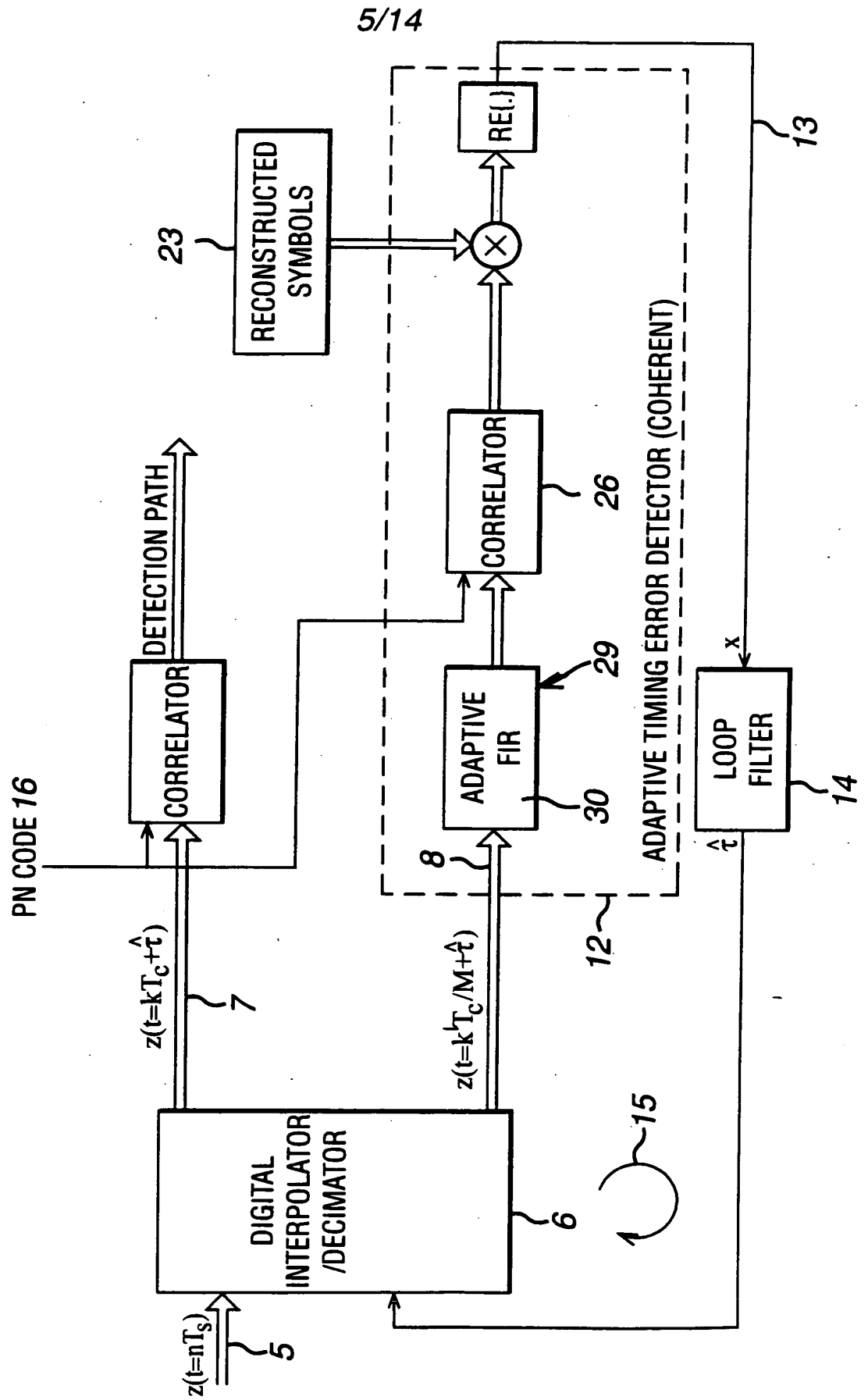
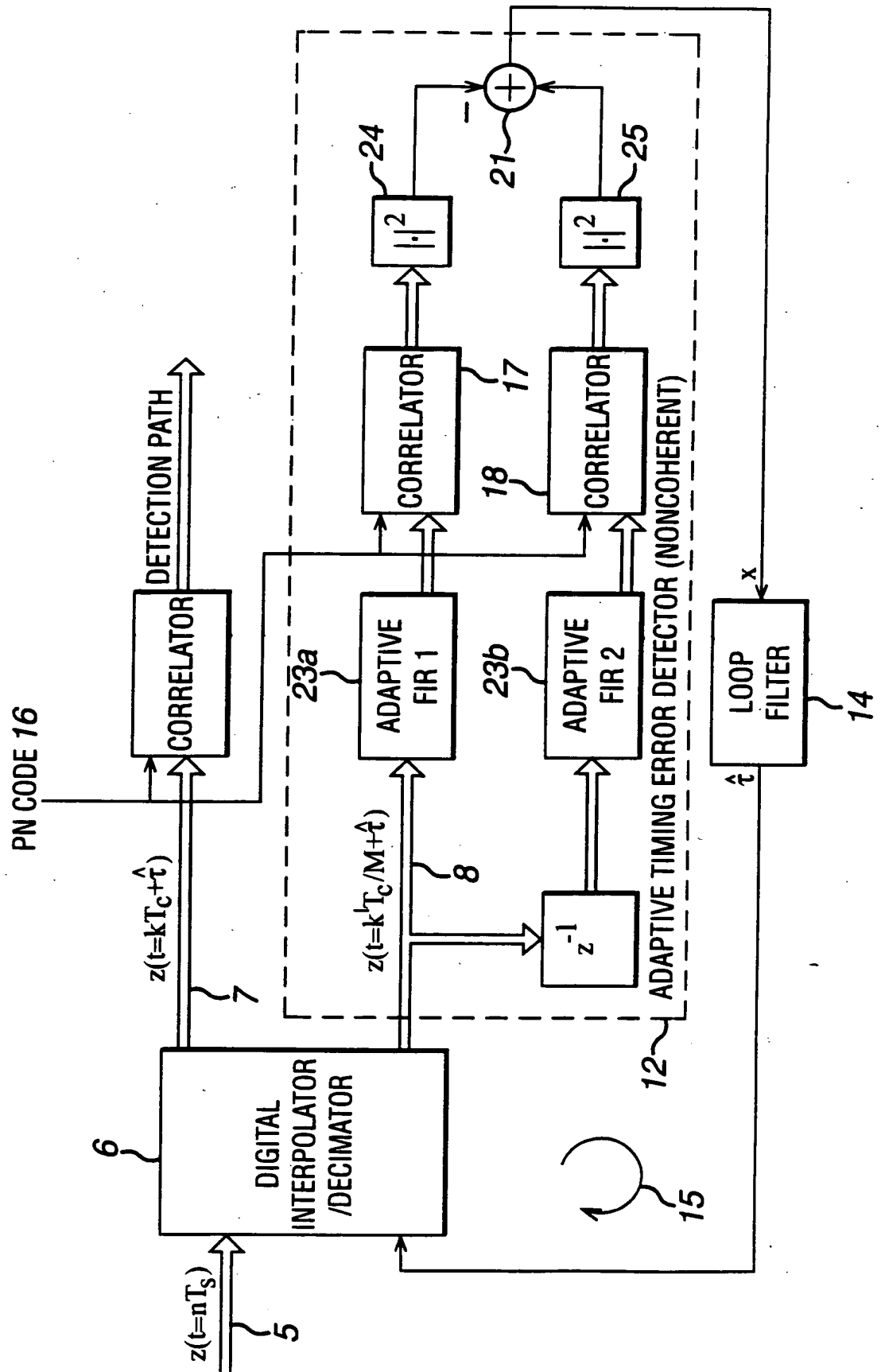


FIG. 6



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FIG. 7

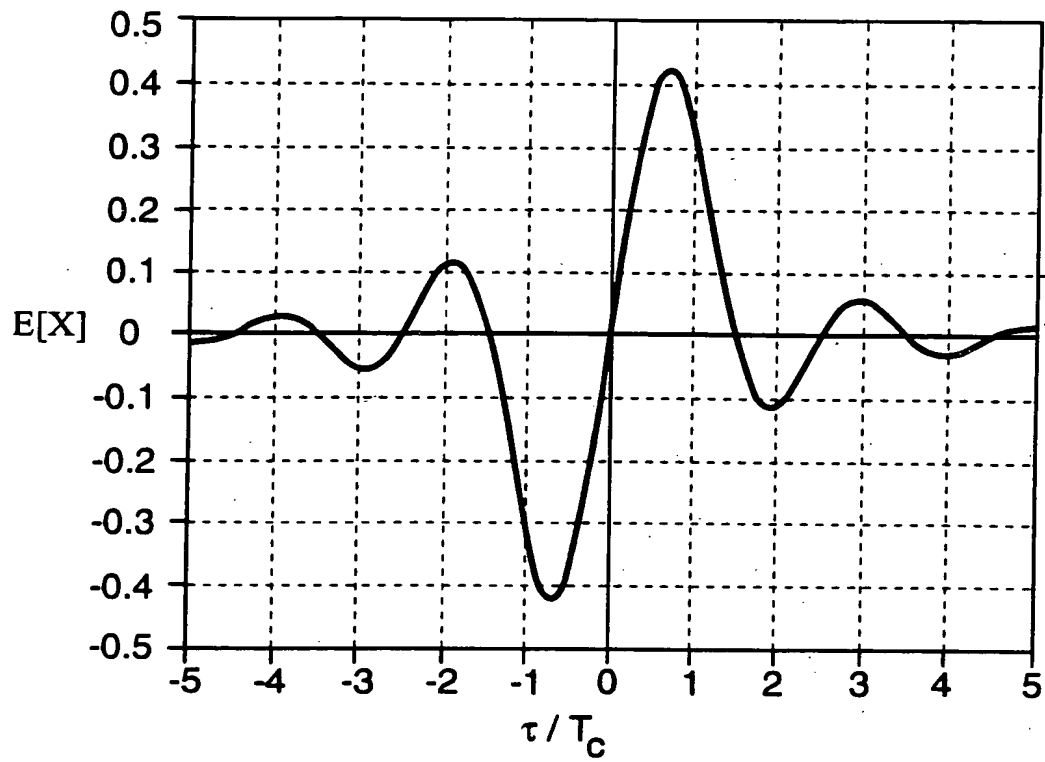
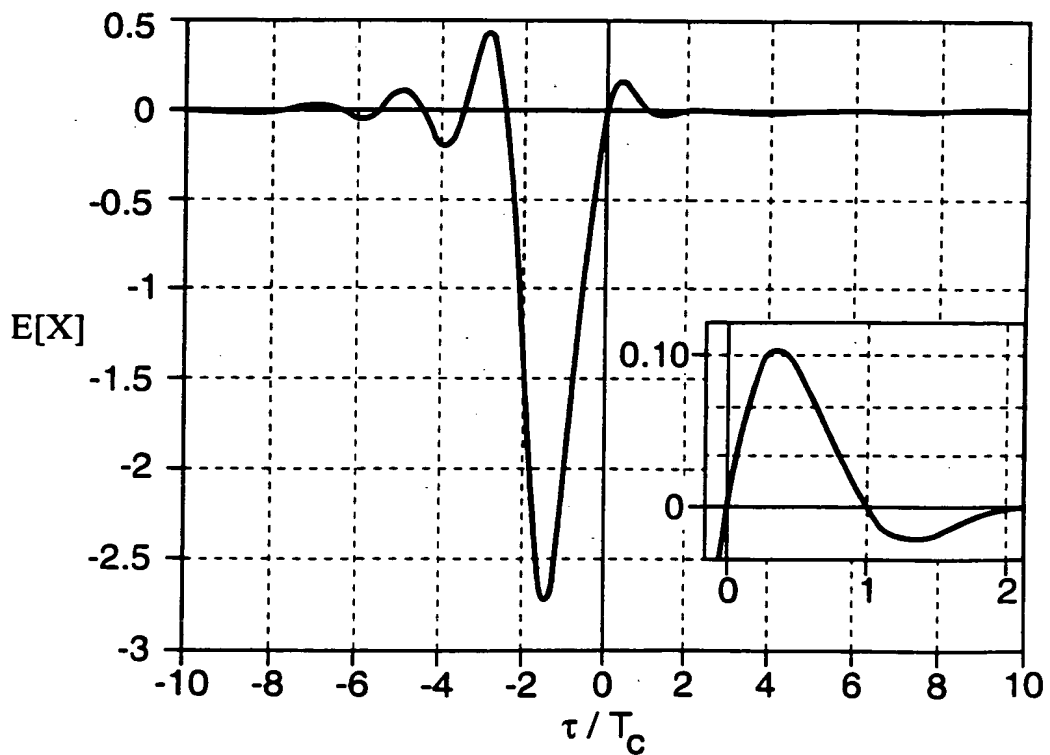


FIG. 8



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FIG. 9

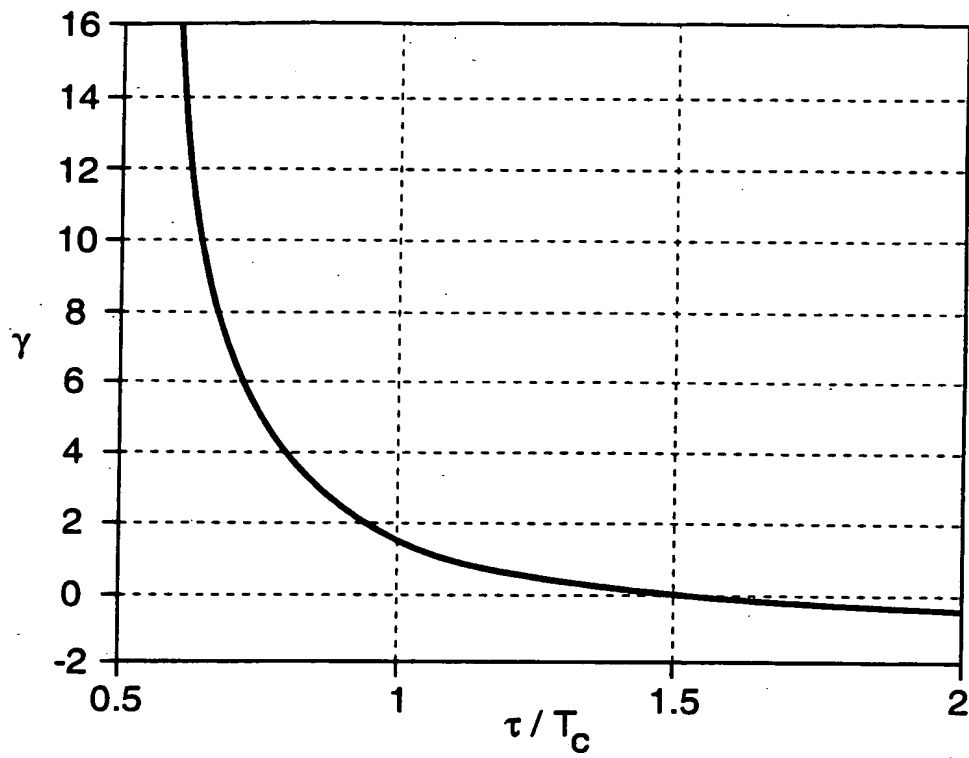
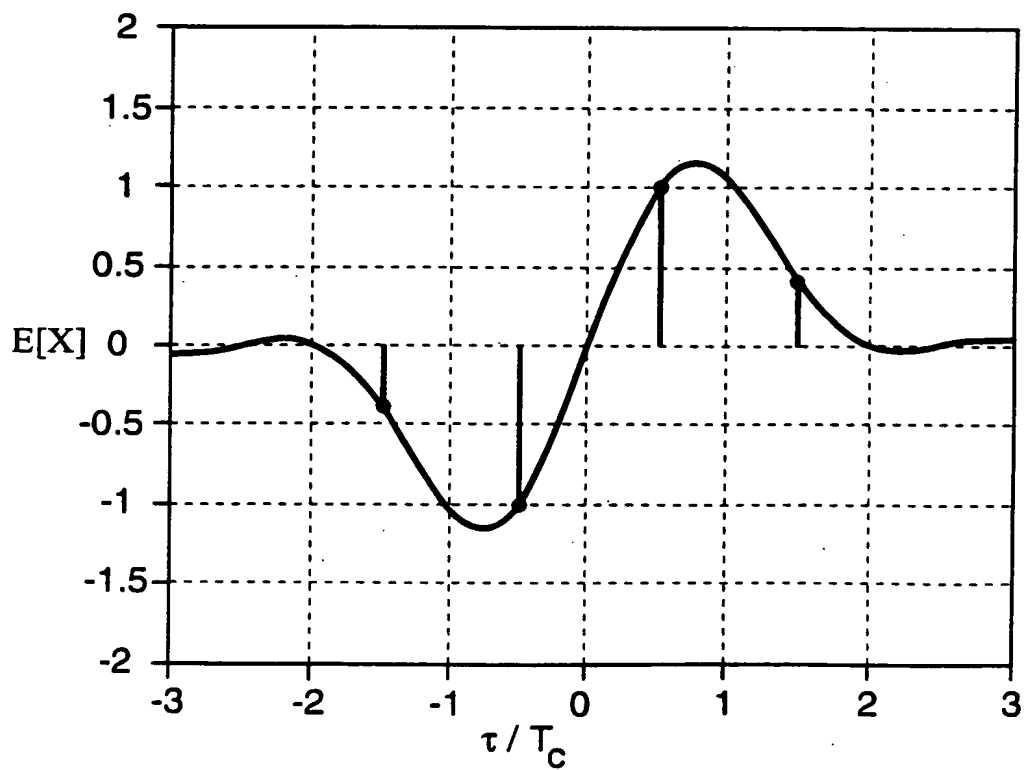


FIG. 10





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FIG. 11

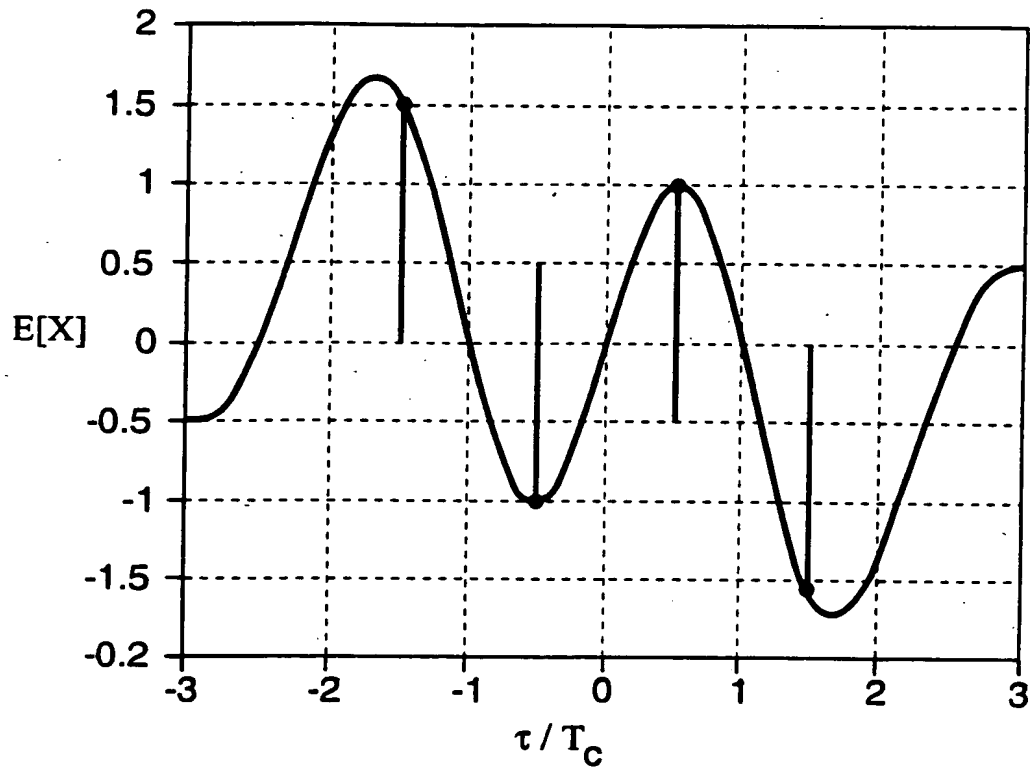
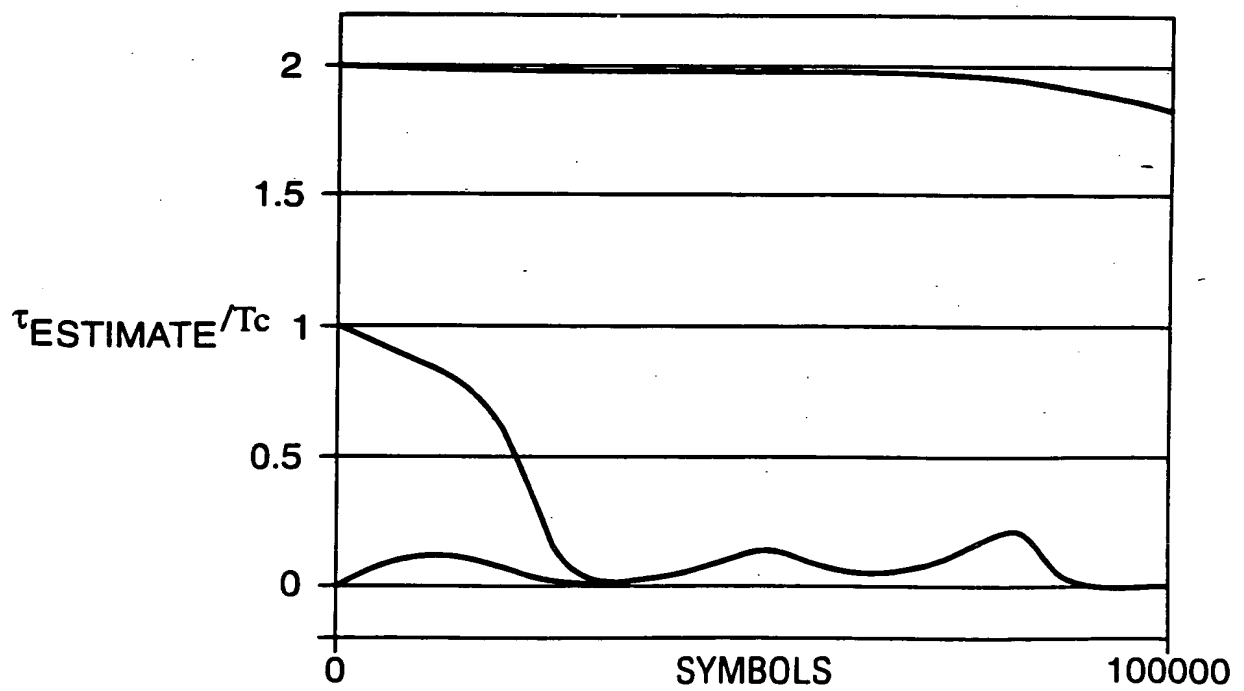


FIG. 12



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FIG. 13

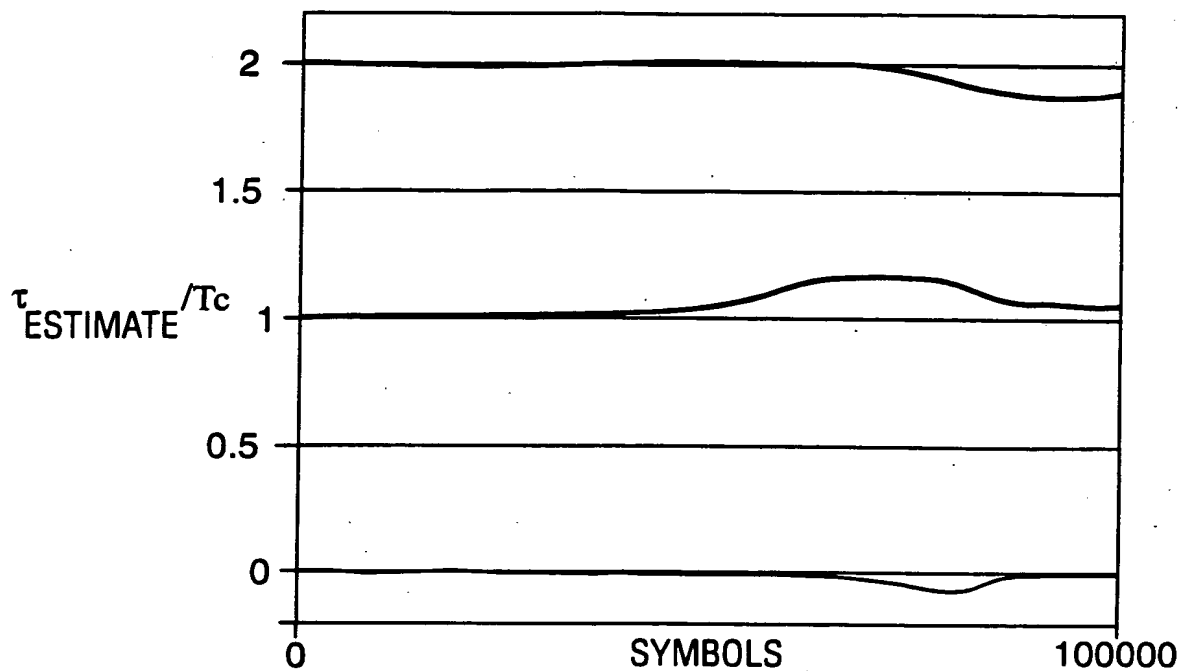


FIG. 14

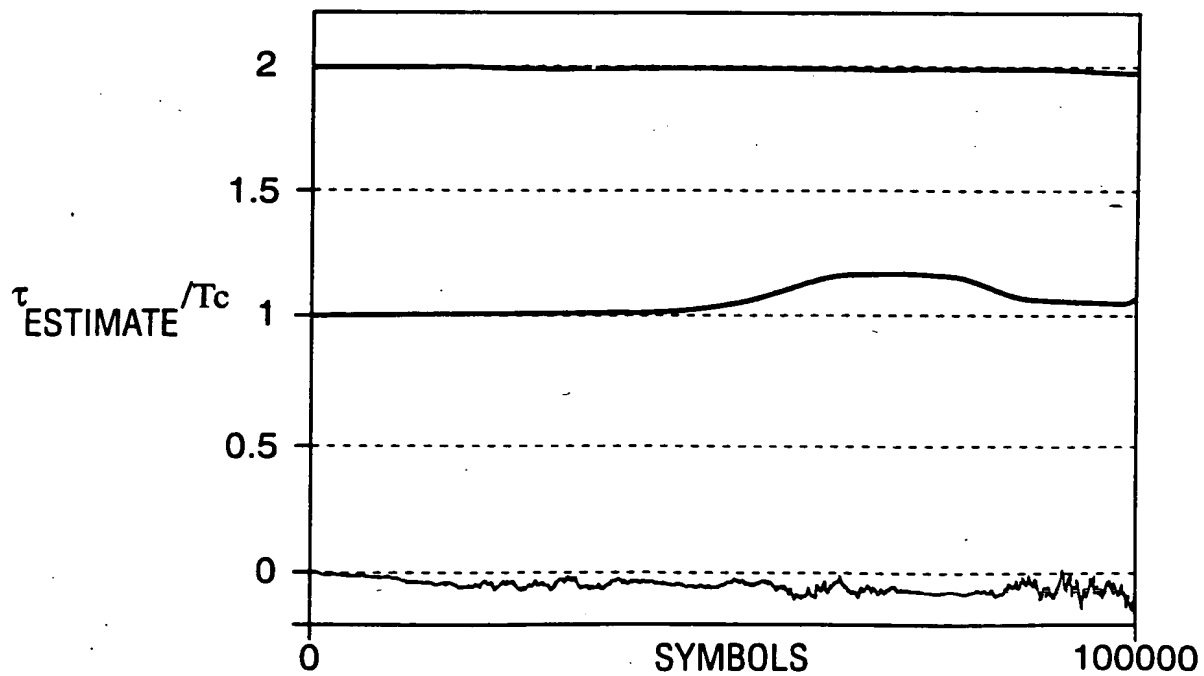
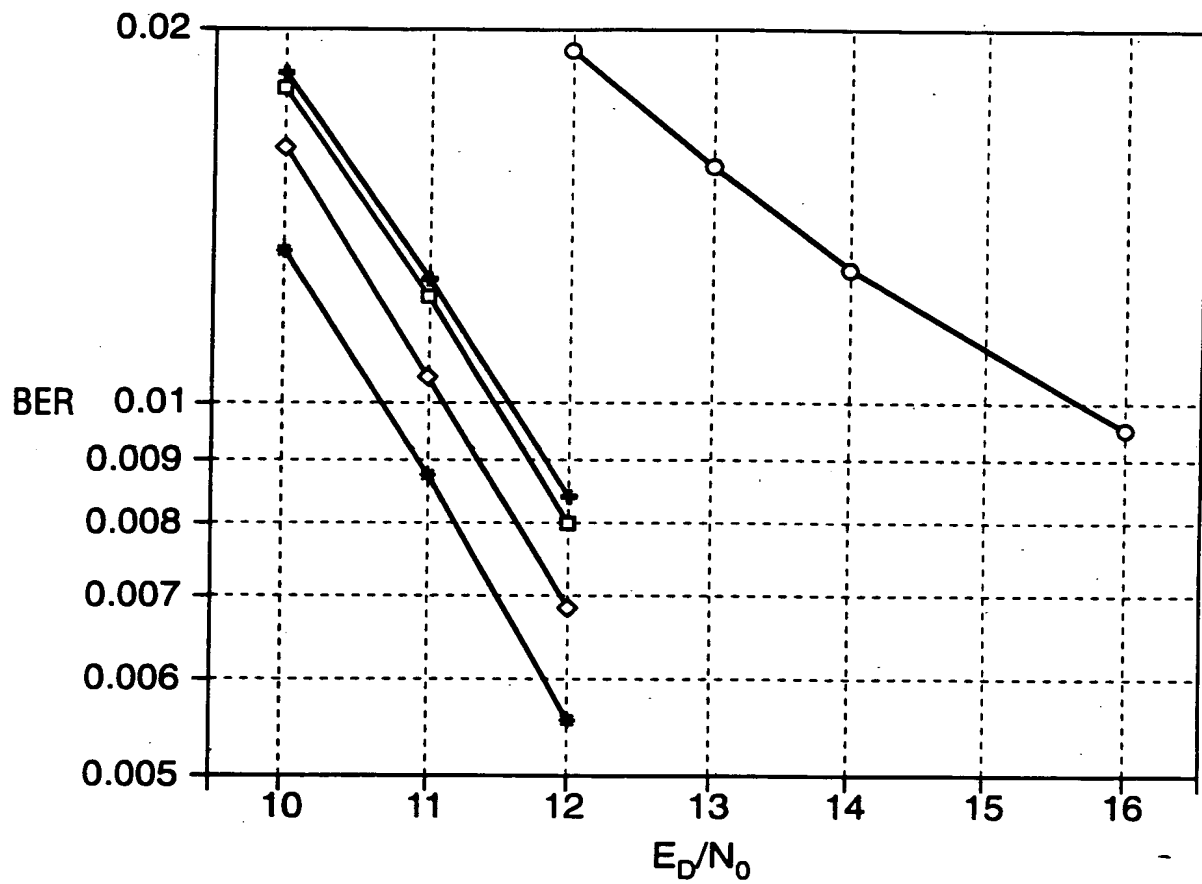


FIG. 15



+ PERFECT SYNC

◇ LMS KALMAN PHASOR EST., PERFECT TIMING

□ MMSE TIMING

+ SIMPLE TIMING

○ CONVENTIONAL TED

**FIG. 16**

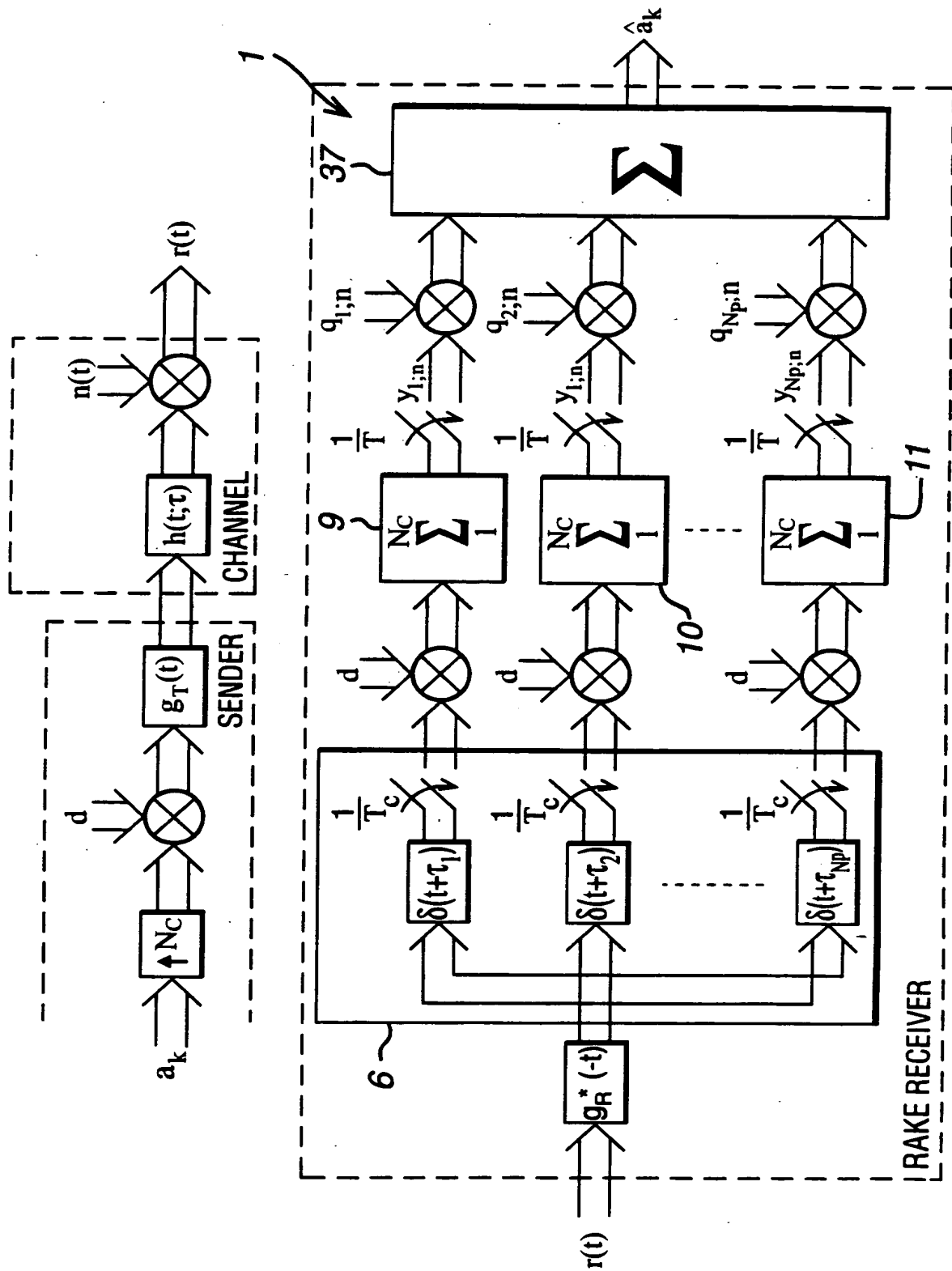
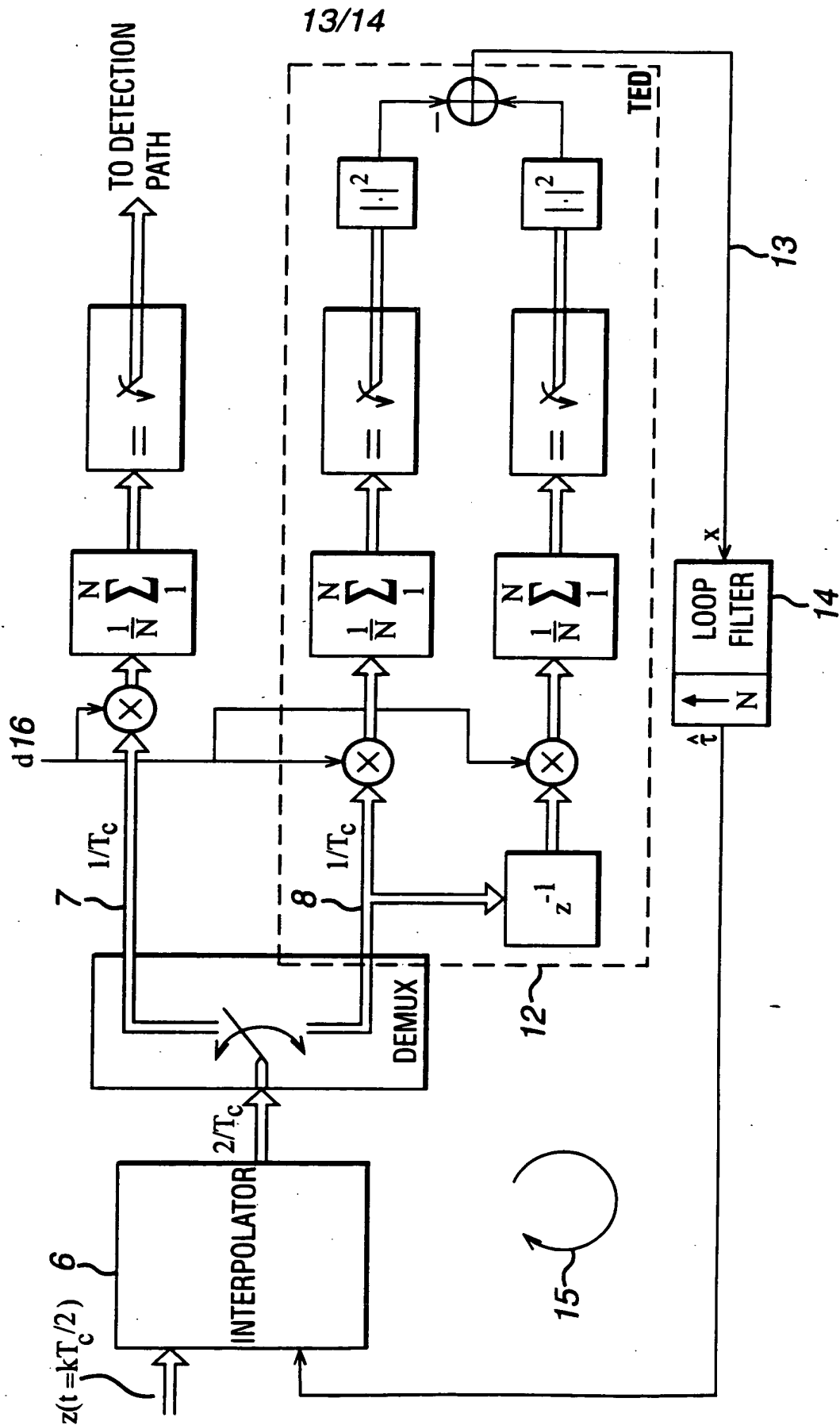


FIG. 17



**FIG. 18**

